

## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov



Bib Data Sheet

**CONFIRMATION NO. 4439** 

SERIAL NUMBE 10/772,260			CLASS 310		GROUP ART UNIT 2834		ATTORNEY DOCKET NO. 03500.017882			
APPLICANTS										
Toshihiro Ifuku, Kanagawa, JAPAN; Tetsuro Fukui, Kanagawa, JAPAN; Takanori Matsuda, Kanagawa, JAPAN;										
** CONTINUING DATA **********************************										
NONE										
** FOREIGN APPLICATIONS ************************************										
IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** 05/05/2004										
Foreign Priority claimed  yes no  35 USC 119 (a-d) conditions met yes no Met after Allowance  Verified and Acknowledged Examiner's Signature				STATE OR	SH	SHEETS TO		TAL	INDEPENDENT	
				COUNTRY JAPAN	DRA	I I		AIMS 25	CLAIMS 2	
ADDRESS 5514 FITZPATRICK CELLA HARPER & SCINTO 30 ROCKEFELLER PLAZA NEW YORK, NY 10112										
TITLE III Ferroelectric thin film element, piezoelectric actuator and liquid discharge head										
				☐ All Fees ☐ 1.16 Fees ( Filing )						
FILING FEE	FEES: Authority has been given in Paper						ing Ext. of			
RECEIVED 860	No No	to charge/cred for following:	II ACCOUNT		1.18 Fees ( Issue )					
000						Other				
		<b>[</b> [					☐ Credit			